	RATH & CO-TRADING PTY LTD Suite 3C, level 2, 58 Victor Crescent Narre Warren 3805		Product Specification	
Origin	GUATEMOLA, INDIA		Date of issue	18.10.2021
Product Code(s)	HS1071-25, HS1071, HS1072, HS1072-25		Supersedes	5.6.2020
Product	CARDAMOM SEEDS, GROUND		Page 1 of 3	

Product Description:

Cardamom seeds are derived from the dried pods of the large perennial herb *Elettaria Cardamomum* Maton, from the family Zingiberaceae (Scitamineae). Pods/seeds can be used in their whole form or ground to produce cardamom ground.



Organoleptic properties:

Colour – seed: dark grey – black. Ground cardamom powder: light grey – dark grey green

Odour strong, distinctly cardamom and free from offending odours

Taste sweet spice and free from offending flavours.

Physical /Grade Parameters:

Product Description	Parameters	Total Moisture
Cardamom seed	- Total Ash: Max 8% - Acid Insoluble Ash: Max 2.5% - Volatile oil: Min 2%	12%
Cardamom ground	- Foreign matter 0.1% max target nil - Extraneous matter 2.0% max	


Microbial Parameters:

Non-steamed:

Parameters	Quality Standard.
Salmonella	Absent in 25g
E. Coli	<10cfu/g

Steam sterilized:

Parameters	Quality Standard.
Salmonella	Absent in 25g
Listeria	Absent in 25g
E. Coli	<10cfu/g
Total Plate count	<500,000cfu/g
Yeast and Mould	<1000cfu/g

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Nutrition Information		
Servings per package: 100.00		
Serving size: 100.00g		
	Average Quantity per Serving	Average Quantity per 100g
Energy	311Kcal	311kcal
Protein	10.76g	10.76g
Fat Total	6.7g	6.7g
Carbohydrate	68.47g	68.47g
Sodium	18mg	18mg
Potassium	1119mg	1119mg
Iron	13.97mg	13.97mg

Nutritional Information:

Nutritional information is a theoretical calculation derived from the Indian spice board.

Shelf Life:

Product shelf life is 24 months when stored under the correct conditions.

Storage and Handling:

Product should be stored in ambient conditions (<20°C) with a maximum relative humidity of 59%. Product should be kept free from direct sunlight in air tight containers/bags. Storage areas should be clean and regularly treated against pests.

Allergen

Present in Product

YES / NO


Cereals containing gluten & their products (wheat,rye,barley,oats,spelt)	No
Crustacea & Crustacea products	No
Egg & egg products	No
Fish & Fish Products (including molluscs w/out shells & fish oils)	No
Lupin & Lupin products	No
Milk & Milk products	No
Peanuts & Peanut Products	No
Sesame Seeds & sesame products	No
Soy & soybean products	No
Tree nuts & tree nut products	No
Sulphites, present in ingredients, additives or processing aids*	No

Packaging/Weight:

Bulk 20-25kg bags with inner liner.

Intended Use:

Food supplied as an ingredient for use in further manufacturing or processing.

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Non Irradiation & Ethylene Oxide Statement:

This product is declared free from exposure or treatment from sources of irradiation and ethylene oxide.

Genetic Modification:

This product and any processing aids used in the preparation of this product are declared free from genetic modification.